

The R&D Program: Schedule and Funding

- The RHIC e-cooling R&D program started in FY2003.
- We anticipate confidence in the design, based on calculations and benchmarking to support CD0 by this summer.
- We anticipate completion of hardware demonstration by 2008.
- If CD0 was awarded in 2006 and CD1 was awarded in 2007 preparation for CD2 will be completed in 2008 for a possible construction start in FY2009

- R&D funding received:
 - DOE R&D funding 2003-2006 \$6.2M
 - Navy funding towards ERL so far \$7M
 - SBIR \$3.2M
 - Director's Office \$2.1M
- R&D funding anticipated
 - DOE \$4M in 2007-2008.
 - Navy \$2M to \$20M in 2007-2010
- Anticipated cost of electron cooler
 - In the range of \$35M to \$70M

Many thanks to the committee members for their time and help

Thanks for the staff who contribute to the electron cooling R&D and to these presentations.